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[54] ROBUST DISPLAY MANAGEMENT IN A MULTIPLE MONITOR ENVIRONMENT

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[57] ABSTRACT

A computer system includes an operating system with a graphical user interface (GUI), a user subsystem which together with the GUI provides for managing a plurality of applications, a graphical device interface for routing GUI information relating to the applications, such as a cursor or an application window, first and second device drivers for receiving GUI information routed from the graphical device interface and a forking display driver. The forking display driver is used for implementing a method which allocates the display of the graphical user information such as the cursor position or application window on only one monitor, where two or more monitors are controlled by the operating system in a manner so as to define a virtual monitor space that is formed by the combined monitor space of each of the separate monitors.

26 Claims, 18 Drawing Sheets

